

**STIC Biotechnology Systems Branch**

**RAW SEQUENCE LISTING**  
**ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 101581, 472  
Source: LEWIP  
Date Processed by STIC: 6/18/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses;

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

# BEST AVAILABLE COPY

## Raw Sequence Listing Error Summary

### ERROR DETECTED

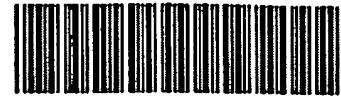
### SUGGESTED CORRECTION

SERIAL NUMBER:

10/581,472

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1      Wrapped Nucleics  
    Wrapped Aminos     The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2      Invalid Line Length     The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3      Misaligned Amino  
    Numbering     The numbering under each 5<sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4      Non-ASCII     The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5      Variable Length     Sequence(s)      contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6      PatentIn 2.0  
    "bug"     A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s)     . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7      Skipped Sequences  
    (OLD RULES)     Sequence(s)      missing. If intentional, please insert the following lines for each skipped sequence:  
                            (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
                            (i)     SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
                            (xi)  SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
                            This sequence is intentionally skipped  
  
                            Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8      Skipped Sequences  
    (NEW RULES)     Sequence(s)      missing. If intentional, please insert the following lines for each skipped sequence.  
                            <210> sequence id number  
                            <400> sequence id number  
                            000
- 9      Use of n's or Xaa's  
    (NEW RULES)     Use of n's and/or Xaa's have been detected in the Sequence Listing.  
                            Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
                            In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10      Invalid <213>  
    Response     Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 ✓ Use of <220>     Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
                            (Sec "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12      PatentIn 2.0  
    "bug"     Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13      Misuse of n/Xaa     "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



IFWP

## RAW SEQUENCE LISTING

DATE: 06/14/2006

PATENT APPLICATION: US/10/581,472

TIME: 10:37:28

Input Set : A:\B0781236.TXT

Output Set: N:\CRF4\06142006\J581472.raw

5 <110> APPLICANT: Plant Bioscience Limited  
 7 Cammue, Bruno PA  
 9 De Bolle, Miguel FC  
 11 Butaye, Katleen  
 15 <120> TITLE OF INVENTION: Enhanced Expression  
 19 <130> FILE REFERENCE: SMK/6254247  
 C--> 23 <140> CURRENT APPLICATION NUMBER: US/10/581,472  
 C--> 25 <141> CURRENT FILING DATE: 2006-06-01  
 29 <150> PRIOR APPLICATION NUMBER: GB 0327919.7  
 31 <151> PRIOR FILING DATE: 2005-12-02  
 35 <160> NUMBER OF SEQ ID NOS: 3  
 39 <170> SOFTWARE: PatentIn version 3.1  
 43 <210> SEQ ID NO: 1  
 45 <211> LENGTH: 2947  
 47 <212> TYPE: DNA  
 49 <213> ORGANISM: Gallus gallus  
 53 <400> SEQUENCE: 1  
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 56 tcaataaatg tatgcatttc tcaactagcct taaactctgc atgaagtgtt tgatgagcag 120  
 58 atgaagacaa catcatttct agtttcagaa ataataacag catcaaaacc gcagctgtaa 180  
 60 ctccactgag ctccacgttaa gttttgatgt gtgaatatct gacagaactg acataatgag 240  
 62 cactgcaagg atatcagaca agtcaaaatg aagacagaca aaagtatttt ttaataataa 300  
 64 aatggtcttt atttcttcaa tacaaggtaa actactattg cagttaaga ccaacacaaa 360  
 66 agttggacag caaattgctt aacagtctcc taaaggctga aaaaaaggaa cccatgaaag 420  
 68 ctaaaagtta tgcagtattt caagtataac atctaaaaat gatgaaacga tccctaaagg 480  
 70 tagagattaa ctaagtactt ctgctgaaaa tgtattaaaa tccgcagttg ctaggatacc 540  
 72 atcttacctt gttgagaaat acaggtctcc ggcaacgcaa cattcagcag actctttggc 600  
 74 ctgctggaat caggaaactg cttactatat acacatataa atcctttgga gttgggcatt 660  
 76 ctgagagaca tccatttctt gacattttgc agtgcaactc tgcattccaa ctgagacaag 720  
 78 ctcccatgct gtatttcaaa gccatttctt gaatagttta cccagacatc cttgtgcaaa 780  
 80 ttgggaatga ggaaatgcaa tggtagagga agacaataca gccttatggt tagaaagtca 840  
 82 gcagcgtggt taatcttcat aaaaatgtaa ctgttttcca aataggaatg tatttcactt 900  
 84 gtaaaacacc tggctctttt tatattactt tttttttttt ttaaggacac ctgcactaat 960  
 86 ttgcaatcac ttgtatttat aaaagcacac gcactcctca ttttcttaca tttgaagatc 1020  
 88 agcagaatgt ctctttcata atgtaataat catatgcaca gtttaaaata ttttctatta 1080  
 90 caaaatacag tacacaagag ggtgaggcca aagtctatta cttgaatata ttccaaagtg 1140  
 92 tcagcactgg ggggtgtaaaa ttacattaca tggtagaat aggcggaatt cttttacaac 1200  
 94 tgaaatgctc gatttcattg ggatcaaagg taagtactgt ttactatctt caagagactt 1260  
 96 caatcaagtc ggtgtatttc caaagaagct taaaagattg aagcacagac acaggccaca 1320  
 98 ccagagccta cacctgctgc aataagtggg gctatagaaa ggattcagga actaacaagt 1380  
 100 gcataattta caaatagaga tgctttatca tactttgccc aacatgggaa aaaagacatc 1440  
 102 ccatgagaat atccaactga ggaacttctc tgtttcatag taactcatct actactgcta 1500  
 104 agatgggttg aaaaagtacc agcaggtgag atatgttcgg gaggtggctg tgtggcagcg 1560

Does Not Comply  
Corrected Diskette Needed

(pg.2)

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/581,472

DATE: 06/14/2006

TIME: 10:37:28

Input Set : A:\B0781236.TXT

Output Set: N:\CRF4\06142006\J581472.raw

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108 cgtaaacagc tgcaacaggc atcacttctg cataaatgct gtgactcgtt agcatgctgc 1680
110 aactgtgttt aaaacctatg cactccgtta ccaaaataat ttaagtccca aataaatcca 1740
112 tgcagcttgc ttcctatgcc aacatatttt agaaagtatt cattcttctt taagaatatg 1800
114 cacgtggatc tacacttctt gggatctgaa gcgatttata cctcagttgc agaagcagtt 1860
116 tagtgtcctg gatctgggaa ggcagcagca aacgtgcccg ttttacattt gaaccatgt 1920
118 gacaaacgcg cttactgagc atcgctctag gaaatttaag gctgtatcct taacaacaaa 1980
120 gaaccaacga cagactgcat ataaaaattct ataaataaaa ataggagtga agtctgtttg 2040
122 acctgtacac acagagcata gagataaaaa aaaaaggaaa tcaggaatta cgtatttcta 2100
124 taaatgccat atatttttac tagaaacaca gatgacaagt atatacaaca tgtaaatccg 2160
126 aagttatcaa catgttaact aggaaaacat ttacaagcat ttgggtatgc aactagatca 2220
128 tcaggtaaaa aatcccatga gaaaaatcta agcctcgcca gtttcaaagg aaaaaacca 2280
130 gagaacgctc actacttcaa aggaaaaaaa ataaagcatc aagctggcct aaacttaata 2340
132 aggtatctca tgtaacaaca gctatccaag ctttcaagcc acactataaa taaaaacctc 2400
134 aagttccgat caacgttttc cataatgcaa tcagaaccaa aggcattggc acagaaagca 2460
136 aaaaggaat gaaagaaaag ggctgtacag tttccaaaag gttcttcttt tgaagaaatg 2520
138 tttctgacct gtcaaacat acagtccagt agaaatttta ctaagaaaaa agaacacctt 2580
140 acttaaaaaa aaaaaacaac aaaaaaaca ggcaaaaaaa cctctcctgt cactgagctg 2640
142 ccacacacca accaccacct gctgtgggct ttgtctccca agacaaagga acacacagct 2700
144 tatccaatat tcaacattac ttataaaaac gctgatcaga agaaatacca agtatttctt 2760
146 cagagactgt tatatccttt catcggaac aagagatgaa atacaacaga gtgaatatca 2820
148 aagaaggcgg caggagccac cgtggcacc tcaccgggca gtgcagtgcc caactgccgt 2880
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152 atattat 2947

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155 &lt;210&gt; SEQ ID NO: 2

157 &lt;211&gt; LENGTH: 11169

159 &lt;212&gt; TYPE: DNA

161 &lt;213&gt; ORGANISM: Artificial sequence

165 &lt;220&gt; FEATURE:

167 &lt;223&gt; OTHER INFORMATION: PFAJ3160

169 &lt;400&gt; SEQUENCE: 2

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172 ccgtcttctg aaaacgacat gtgcgacaag tcctaagtta cgcgacaggc tgccgccctg 120
174 cccttttctt ggcgttttct tgtcgcgtgt tttagtgcga taagtagaa tacttgcgac 180
176 tagaacgga gacattacgc catgaacaag agcgccgccc cggcctgct gggctatgcc 240
178 cgcgtcagca cgcagacca ggacttgacc aaccaacggg cgaactgca cgcggccggc 300
180 tgcaccaagc tgttttccga gaagatcacc ggcaccaggc gcgaccgcc ggagctggcc 360
182 aggatgcttg accacctacg ccctggcgac gttgtgacag tgaccaggct agaccgctg 420
184 gccgcagca ccgcgacct actggacatt gccgagcgca tccaggagge cggcgccggc 480
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188 accgtgttcg ccggcattgc cgagttcgag cgttccctaa tcatcgacc caccgggagc 600
190 gggcgcgagg ccgccaaggc ccgaggcgtg aagtttggcc cccgccctac cctcaccctg 660
192 gcacagatcg cgcacgcccg cgagctgacg gaccaggaag gccgaccgt gaaagaggcg 720
194 gctgcactgc ttggcgctga tcgctcgacc ctgtaccgcg cactgagcg cagcgaggaa 780
196 gtgacgcca ccgaggccag ggcggcggtg gccttcgctg aggcgcatt gaccgaggcc 840
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200 acggccagga cgaaccgttt ttcattaccg aagagatcga ggcggagatg atcgcgccg 960
202 ggtacgtgtt cgagccgccc gcgcacgtct caaccgtgcg gctgcatgaa atcctggccg 1020
204 gtttgtctga tgccaagctg gcggcctggc cgccagctt ggccgctgaa gaaaccgagc 1080

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The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

PLS explain source of genetic material.  
Invalid Response

See item #11 on error Summary Sheet.

## RAW SEQUENCE LISTING

DATE: 06/14/2006

PATENT APPLICATION: US/10/581,472

TIME: 10:37:28

Input Set : A:\B0781236.TXT

Output Set: W:\CRF4\06142006\J581472.raw

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210	tgtacttaac	cagaaaggcg	ggtcaggcaa	gacgaccatc	gcaacccatc	tagcccgcg	1260
212	cctgcaactc	gccggggccg	atgttctgtt	agtcgattcc	gatccccagg	gcagtggccg	1320
214	cgattgggcg	gccgtgccc	aagatcaacc	gctaaccggt	gtcggcatcg	accgcccgc	1380
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224	cacgcgcac	ggcggtgagg	ttgccgagc	gctggccggg	tacgagctgc	ccattcttga	1680
226	gtcccgtatc	acgcagcgcg	tgagctaccc	aggcactgcc	gccgccggca	caaccgttct	1740
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230	atcaaaactc	atttgagtta	atgaggtaaa	gagaaaatga	gcaaaagcac	aaacacgcta	1860
232	agtgcggcc	gtccgagcgc	acgcagcagc	aaggctgcaa	cggtggccag	cctggcgagc	1920
234	acgcagccca	tgaagcgggt	caactttcag	ttgcggcg	aggatcacac	caagctgaag	1980
236	atgtacgcg	tacgccaagg	caagaccatt	accgagctgc	tatctgaata	catcgcgag	2040
238	ctaccagagt	aaatgagcaa	atgaataaat	gagtagatga	attttagcgg	ctaaaggagg	2100
240	cggcatggaa	aatcaagaac	aaccaggcac	cgacgcgctg	gaatgcccc	tgtgtggagg	2160
242	aacggcggt	tggccaggcg	taagcggctg	ggttgtctgc	cgccctgca	atggcactgg	2220
244	aacccccaa	cccgaggaat	cgccgtgacg	gtcgcaaac	atccggcccg	gtacaaatcg	2280
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266	gccgcctggt	gacggtatcc	gagggtgaag	ccttgattag	ccgctacaag	atcgtaaaga	2940
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298	gtcacagctt	gtctgtaagc	ggatgccggg	agcagacaag	cccgtcaggg	cgctcagcg	3900
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## RAW SEQUENCE LISTING

DATE: 06/14/2006

PATENT APPLICATION: US/10/581,472

TIME: 10:37:28

Input Set : A:\B0781236.TXT

Output Set: N:\CRF4\06142006\J581472.raw

304	aaataccgca	cagatgcgta	aggagaaaat	accgcatcag	gcgctcttcc	gcttcctcgc	4080
306	tcactgactc	gctgcgctcg	gtcggttcggc	tgcggcgagc	ggtatcagct	cactcaaagg	4140
308	cggtataacg	ggtatccaca	gaatcagggg	ataacgcagg	aaagaacatg	tgagcaaaag	4200
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336	gatagtttgg	ctgtgagcaa	ttatgtgctt	agtgcattct	atcgcttgag	ttaacgccgg	5040
338	cgaagcggcg	tcggcttgaa	cgaatttcta	gctagacatt	atttgccgac	taccttggtg	5100
340	atctcgctct	tcacgtagt	gacaaattct	tccaactgat	ctgcgcgaga	ggccaagcga	5160
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352	tttgtcagca	agatagccag	atcaatgtcg	atcgtggctg	gctcgaagat	acctgcaaga	5520
354	atgtcattgc	gctgccattc	tccaaattgc	agttcgcgct	tagctggata	acgccacgga	5580
356	atgatgtcgt	cgtgcacaa	aatggtgact	tctacagcgc	ggagaatctc	gctctctcca	5640
358	ggggaagccg	aagtttccaa	aaggctcggt	atcaaagctc	gccgcgttgt	ttcatcaagc	5700
360	cttacgggtc	ccgtaaccag	caaatacaata	tcactgtgtg	gcttcaggcc	gccatccact	5760
362	gcggagccgt	acaaatgtat	ggccagcaac	cgcgagatca	tccgtgtttc	aaaccgggca	5820
364	actacctctg	atagttgagt	cgatacttcg	gcgatacccg	cttcccccat	gatgtttaac	5880
366	tttgttttag	ggcgactgcc	ctgctgcgta	acatcggtgc	tgtccataa	catcaaacat	5940
368	cgacccacgg	cgtaacgcgc	ttgctgcttg	gatgcccgag	gcatagactg	taccccaaaa	6000
370	aaacatgtca	taacaagaag	ccatgaaaac	cgccactgcg	ccgttaccac	cgtgcggttc	6060
372	ggtcaagggt	ctggaccagt	tgcgtgacgg	cagttacgct	acttgcatca	cagcttacga	6120
374	accgaacgag	gcttatgtcc	actgggttcg	tgcccgaatt	gatcacaggc	agcaacgctc	6180
376	tgtcatcggt	acaatcaaca	tgctaccctc	cgcgagatca	tccgtgtttc	aaaccgggca	6240
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384	acaaattgac	gcttagacaa	cttaataaca	cattgcggac	gttttttaag	tactgaatta	6480
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388	caggcataaa	gccgtcagtg	tccgcataaa	gaaccaccca	taatacccat	aatagctgtt	6600
390	tgccatcgct	accttaggac	cgttatagtt	aaccggtgaa	ttcccgatct	agtaacatag	6660
392	atgacaccgc	gcgcgataat	ttatcctagt	ttgcgcgcta	tattttgttt	tctatcgctg	6720
394	attaaatgta	taattgcggg	actctaata	taaaaacca	tctcataaat	aacgtcatgc	6780
396	attacatggt	aattattaca	tgcttaacgt	aattcaacag	aaattatatg	ataatcatcg	6840
398	caagaccggc	aacaggattc	aattcttaaga	aactttattg	ccaaatggtt	gaacgatcgg	6900
400	ccggccgagc	tcggtagcaa	ttcccagggc	tgtagccgac	gatgggtgcca	ccaggagagt	6960

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/581,472

DATE: 06/14/2006

TIME: 10:37:29

Input Set : A:\B0781236.TXT

Output Set: N:\CRF4\06142006\J581472.raw

L:23 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:25 M:271 C: Current Filing Date differs, Replaced Current Filing Date

## RAW SEQUENCE LISTING

DATE: 06/14/2006

PATENT APPLICATION: US/10/581,472

TIME: 10:37:28

Input Set : A:\B0781236.TXT

Output Set: N:\CRF4\06142006\J581472.raw

402	tggtgattca	ttgtttgcct	ccctgctgcg	gtttttcacc	gaagttcatg	ccagtccagc	7020
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406	tgttaccgcc	aacgcgcaat	atgccttgcg	aggtcgcaaa	atcggcgaaa	ttccatacct	7140
408	gttcaccgac	gacggcgctg	acgcgatcaa	agacgcgggtg	atacatatcc	agccatgcac	7200
410	actgatactc	ttcactccac	atgtcggtgt	acattgagtg	cagcccggct	aacgtatcca	7260
412	cgccgtattc	ggatgatata	atcggtgat	gcagtttctc	ctgccaggcc	agaagttctt	7320
414	tttccagtac	cttctctgcc	gtttccaat	gcgcgctttg	gacataccat	ccgtaataac	7380
416	ggttcaggca	cagcacatca	aagagatcgc	tgatgggtatc	gggtgtgagcg	tcgcagaaca	7440
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430	ggtaggtcct	ggccccaatc	cagtcattta	atgcgtgggtc	gtgcacatc	agcacgttat	7860
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434	gtttgtgggt	aatcaggaac	tggtcgccct	tacttgccac	tgaccggatg	ccgacgcgaa	7980
436	gcgggtagat	atcacactct	gtctggcttt	tggtgtgtgac	gcacagttca	tagagataac	8040
438	cttcacccgg	ttgccagagg	ggggattca	ccacttgcaa	agtcgccgta	gtgccttgct	8100
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442	ccacctgcca	gtcaacagac	gcgtgggtac	agtccttgcc	gacatgcgtc	accacggtga	8220
444	tatcgtccac	ccaggtgttc	ggcgtgggtg	agagcattac	gctgcgatgg	attccggcat	8280
446	agttaaagaa	atcatggaag	taagactgct	ttttcttgcc	gttttcgtcg	gtaatcacca	8340
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452	gctccatcac	ttcctgatta	ttgacccaca	ctttgccgta	atgagtgacc	gcacgaaac	8520
454	gcagcacgat	acgctggcct	gcccacacct	tcggtataaa	gacttcgcgc	tgataccaga	8580
456	cgttgcccgc	ataattacga	atatctgcat	cggcgaaactg	atcgttaaaa	ctgcctggca	8640
458	cagcaattgc	ccggctttct	tgtaacgcgc	tttccacca	acgtgatca	attccacagt	8700
460	tttcgcgatc	cagactgaat	gcccacaggc	cgctcagttt	tttgatttca	cgggttgggg	8760
462	tttctacagg	acgtaacata	agggactgac	ctacccgggg	atcctctaga	gccatggtgt	8820
464	ttaaactgta	actgtaattg	taaatagtaa	ttgtaatgtt	gtttgtgtgt	tggtgtgtgt	8880
466	ggtaattggt	gtaaaaatac	tcgaggtcct	ctccaaatga	aatgaaacttc	cttatataga	8940
468	ggaagggtct	tgcaaggat	agtgggattg	tgcgtcatcc	cttacgtcag	tggagatate	9000
470	acatcaatcc	acttgctttg	aagacgtggg	tggaaactgt	tcttttttcc	acgatgctcc	9060
472	tcgtgggtgg	gggtccatct	ttgggaccac	tgtcggcaga	ggcatcttca	acgatggcct	9120
474	ttcctttatc	gcaatgatgg	catttgtagg	agccaccttc	cttttccact	atcttcacaa	9180
476	taaagtgaca	gatagctggg	caatggaatc	cgaggaggtt	tccggatatt	accctttgtt	9240
478	gaaaagtctc	aattgccctt	tggtcttctg	agactgtatc	tttgatattt	ttggagtaga	9300
480	caagtgtgtc	gtgctccacc	atgttatcac	atcaatccac	ttgctttgaa	gacgtggttg	9360
482	gaacgtcttc	ttttttccac	gatgctcctc	gtgggtgggg	gtccatcttt	gggaccactg	9420
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486	ccaccttctt	tttccactat	cttcacacga	aagtgcacga	tagctgggca	atggaatccg	9540
488	aggaggtttc	cggatattac	cctttgttga	aaagtctcaa	ttgccctttg	gtcttctgag	9600
490	actgtatctt	tgatattttt	ggagtagaca	agtgtgtcgt	gtccaccat	gttcaagctt	9660
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494	gagctcgcta	ccttaagaga	ggatatcggc	gcgccgaatt	cgcgctctat	catagatgtc	9780
496	gctataaacc	tattcagcac	aatatattgt	tttcatttta	atattgtaca	tataagtagt	9840
498	agggtagaat	cagtaaattg	aacggagaat	attattcata	aaaatacgat	agtaacgggt	9900



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